

IN THE SPECIFICATION

p. 1, ln. 3: Change "continuation" to --continuation-in-part--.

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IN THE CLAIMS

1 1. (amended) A liquid crystal display, comprising:

a polarizer [operably coupled] for coupling to a beam of incident light to
[pass a] polarize the beam of [polarized] light [having] with respect to a polarization
[axis] angle;

5 a pixel sequence [operably] coupled to [said] the polarizer [and said beam of
6 polarized light, wherein said pixel sequence comprises] comprising multiple liquid
7 crystal display pixels [optically] aligned [in series with said] collinearly along the
8 beam of polarized light[, wherein] for varying [an] the polarization angle [of said
9 polarization axis may be varied by each of said pixels]; and

10 an analyzer [operably] coupled to [said] the polarizer[, said] and the pixel
11 sequence[, and said beam of polarized light] to pass a gray-scale portion of [said]
12 the beam of polarized light transmitted from [said] the pixel sequence as a function
13 of [said] the polarization angle.

1 2. (amended) The liquid crystal display of claim 1[,] further comprising a gray-scale

2 control [operably] coupled to [each of said pixels for varying said angle] at least one
3 pixel of the pixel sequence.

1 3. (amended) The liquid crystal display of claim 1[, further comprising an array of
2 said] wherein the pixel sequences are arranged into rows and columns [operably
3 coupled to said polarizer, said beam of polarized light, and said analyzer].

2 4. (amended) The liquid crystal display of claim 2[,] wherein [said] the gray-scale
control includes electronically programmable driver and interface circuitry for
3 calibrating [said] the pixel sequence to a gray-scale standard.

1 5. (amended) The liquid crystal display of claim 2[,] wherein [said] the gray-scale
2 control includes electronically programmable driver and interface circuitry for
3 correcting a failed pixel within [said] the pixel sequence.

1 6. (amended) The liquid crystal display of claim 1[,] wherein [said] each of [said]
2 the pixels is formed on a transparent substrate.

1 7. (amended) The liquid crystal display of claim 6[,] wherein [said] the substrate
2 comprises sapphire.

1 8. (amended) The liquid crystal display of claim 1[,] wherein [said] the pixels are
2 formed in an active matrix liquid crystal display.

1 9. (amended) The liquid crystal display of claim 4[,] wherein [said] the gray-scale

2 control is programmed to a color having a corresponding gray-scale value.

1 10. (amended) The liquid crystal display of claim 1[,] wherein [said] the pixels
2 comprise [a liquid crystal material, wherein said liquid crystal material is] one of
3 nematic, supertwisted nematic, or ferroelectric liquid crystals.

1 11. (amended) The liquid crystal display of claim 2[,] further comprising:

2 transparent substrates[, wherein said] coupled to the pixels for fabricating the
3 gray-scale control [further comprises] drive circuitry [formed on said substrates],

4 transparent pixel electrodes [operably coupled to said drive circuitry, wherein
5 said pixel electrodes are] formed in a transparent display region on each of [said]
6 the substrates and coupled to the drive circuitry; and

7 a liquid crystal material [operably] coupled to [said] the transparent display
8 regions [to form said pixels].

REMARKS

Status of Claims

Claims 1-11 are pending in the application.

Claims 1-3, 6, 10-11 were rejected under 35 USC 102(b) as being anticipated by the admitted prior art.

Claims 4-5, 8, 9 were rejected under 35 USC 103(a) as being unpatentable over the admitted prior art in view of Nelson.